Senior Traffic Engineer

About WSP USA
WSP USA, formerly WSP | Parsons Brinckerhoff, is the U.S. operating company of one of the world's leading engineering and professional services firms—WSP. Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment sectors. With nearly 7,000 people in 100 offices across the U.S., we partner with our clients to help communities prosper. wsp.com.

We have an immediate opening for a full-time mid to senior level Traffic Engineer with a strong background in traffic systems operation and engineering, signal design, developing construction documents and managing traffic projects in a growing practice in Boston, MA. The position will also support to the WSP Sports & Entertainment Group on developing transportation management and operations plans for sports facilities and special events throughout the United States. The successful candidate will work as part of a dynamic team on the delivery of projects and expanding our practice.

Responsibilities include:

- Function as the senior project engineer and/or traffic engineering task manager
- Provide technical analysis for a wide range of transportation infrastructure projects
- Perform and provide technical review of Synchro, VISSIM, and other traffic engineering analysis software
- Interface with staff from other disciplines (civil, structural, planning, transit & rail, geotechnical, buildings, power, etc.) to support a diverse range of projects
- Perform a range of marketing and business development activities, including gathering client intelligence, leading pursuits and proposals, and interfacing through professional organizations
- Work cooperatively with clients and existing staff to expand the traffic engineering team

Required Skills:

- Proficiency in AutoCAD for traffic design projects
- Develop traffic signal and MOT construction documents from concept to final PS&E
- Proficiency in Traffic software/simulation modeling applications, such as VISSIM and SimTraffic
- Proficiency in preparing traffic impact reports
- Knowledge of traffic control design, including developing plans, specifications and estimates
- Working knowledge of appropriate Federal Highway Administration, AASHTO, state DOT, and other relevant guidelines, including the Manual on Uniform Traffic Control Devices, the AASHTO Green Book, and the NACTO Urban Street Design Guide
- Positive attitude and people skills that constitute a team player
- Ability to manage staff to effectively deliver projects on deadlines, including managing multiple staff working on multiple projects
- Ability to mentor younger staff in the profession of traffic engineering
- Ability to work in a corporate environment, communicating with a wide range of professional skill sets

Experience and Education Required:

- B.S. degree in Civil/Traffic Engineering (M.S. degree desirable)
- 5+ years of experience in traffic systems operation and engineering projects
- Excellent verbal and written communication skills
- A strong background in traffic engineering and signal design

EOE / Veteran/ Disability/ Gender (M-F) /Gender Identity/ Sexual Orientation